

General Environmental Incident Summary

Incident: 3372 **Date/Time Notice:** 7/1/2014 16:30 **DEM Incident No:**
Responsible Party: Mitch Rhodenbaugh
Date Incident: 7/1/2014 **Time Incident:** **Duration:**
County: Richland **Twp:** 132 **Rng:** 51 **Sec:** 9 **Qtr:**
Lat: 46.26100 **Long:** -97.08200 **Method:** Interpolation from map
Location Description: Spill occurred on HWY 13 at mile marker 368 (2 miles east of Wyndmere)

Submitted By: Bret Lambrecht **Affiliation:**
Address: 418 2nd Avenue North
City: Wahpeton **State:** ND **Zip:**

Received By: Scott Stockdill NDdoh

Contact Person:
15867 Hwy 13
Wyndmere, ND

Distance Nearest Occupied Building: **Release Contained:** Yes

Type of Incident: Vehicle Accident

Description of Released Contaminant: Liquid Nitrogen Fertilizer @ 28%

Volume Spilled: 1500.00 gallons **Ag Related:** Yes

EPA Extremely Hazardous Substance: No **Reported to NRC:** Unknown

Cause of Incident:

Vehicle accident caused release of 1500 gallons of liquid nitrogen fertilizer on highway and into ditch.

Risk Evaluation:

Also we had the road closed ND Hwy #13 (Mile marker 368) for 1 hour and had two families shelter in place.

of Fatalities: **# of Injuries:** **Affected Medium:** 07 - Air, Water, and Soil

Potential Environmental Impacts:

Main concern is whether the material has a potential impact to the waters of the state.

Action Taken or Planned:

We had Lidgerwood HazMat Team out there and contained the spill with booms on the side of the road and flushed the road clean into the boomed area.

Wastes Disposal Location: Nitrogen fertilizer and the wastes can be applied to farmland.

Agencies Involved: Local Fire Department, Local Law Enforcement, Local Emergency Manager

Updates

Date: 7/2/2014 **Status:** Inspection

Author: Hargiss, Mike

Updated Volume:

Notes:

The spill zone was located on the east side of the farmer's driveway near the shoulder of the road and stretching roughly 50 feet along top part of ditch. The ditch was fully vegetated, and a culvert was located on the west side of the spill zone approximately 150+ yards away. If a runoff event should occur that causes the berm to fail, the vegetation should be adequate to intercept the runoff. The ditch also had less than one-half inch of water within the grass. The spill zone was bermed and remained in place during my site inspection. The berm and spill zone are approximately 100 feet from the bottom of the ditch. The spill zone was less than 100 feet in length and appeared dry, with the grass showing signs of fertilizer stress. There was no indication of any odor from the spill zone. There was a 20-foot spot on the shoulder of the road facing east. Minimal water quality impact is likely, but further investigation is needed to determine the extent of soil impacts from liquid nitrogen fertilizer. If soil is deemed impacted, removal of impacted area and proper disposal would be recommended.

Date: 7/2/2014 **Status:** Correspondence

Author: Harries, Alison

Updated Volume:

Notes:

Location was corrected to mile marker 368, 2 miles east of Wyndmere. The original filer emailed this correction to me. It has been corrected in the database.

Date: 7/2/2014 **Status:** Reviewed - Follow-up Required

Author: Stockdill, Scott

Updated Volume:

Notes:

According to contact with the Richland County emergency manager, the area was washed down and the spill has been contained. More followup is necessary to determine if the spill entered waters of the state.